UFW

This is very short and sweet lab around configuring a basic Linux firewall using the Uncomplicated Firewall manager (UFW). We will be

- Allowing SSH in our firewall ** You must do this first otherwise if you are remotely connected to the system via SSH, it will terminate your connection, this may not matter on the virtual machine because you are physically connected to it, however if you are using the pi via SSH, this can be a concern. If you fail to follow this advice, then you will have to physically interface your pi via HDMI to a display and a keyboard and allow SSH through this means, only then will you be able to connect to the Raspberry pi remotely **

Configuring UFW

- `sudo apt install ufw -y`
  This installs the UFW program which does not come stock with Raspbian,
- `sudo ufw allow ssh`
  This enables the SSH ports to be open, that way when we enable UFW, we are not disconnected.
- `sudo ufw allow http`
  This enables port 80 to be allowed through
- `sudo ufw allow https`
  This enables port 44 to be allowed through
- `sudo ufw enable`
  This final step enables UF
- `sudo ufw deny from 192.168.2.101 to any port 80`
  This denies the web traffic 80 to only the IP address 192.168.2.101
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